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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/686,109	10/15/2003	Michiya Katou	1018.1187101	6779

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EXAMINER

LOUIS JACQUES, JACQUES H

ART UNIT PAPER NUMBER

3661

DATE MAILED: 05/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/686,109

Applicant(s)

KATOU, MICHIIYA

Examiner

Jacques H Louis-Jacques

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 October 2003.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-17 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 10/15/03, 4/1/05.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statements (IDS) submitted on October 15, 2003 and April 1, 2005 were filed prior to the mailing date of the first office action on the merit. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statements have been considered by the examiner.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-3, 5, 7-11, 13-15 and 17 are rejected under 35 U.S.C. 102(e) as being anticipated by Lin [6,809,638].

Lin discloses an apparatus with receiver having selectable threshold time constant for monitoring statuses of a plurality of tires (14, 16, 18, 20) provided on vehicle (12), including a plurality of transmitters (226, 28, 30, 32), provided on the tires respectively, for transmitting data indicating statuses (34) of the respective tires, the data including an identification code (40) identify each tire, the receiver (78) being supplied with an activation signal (e.g., 80) to activate a drive receiver. According to Lin, there is provided a reception unit (e.g., 88) which receives the data from the transmitters, and a control

circuit (e.g., 82) connected the reception unit, wherein upon detection of the activation signal (e.g., 80), the control circuit collates the identification code included in the data and specifies, based on the identification code, each transmitter which has transmitted the data. See column 4, figure 6. Furthermore, according to Lin, the reception unit transmits a request signal to each individual transmitter and receives the data response the request signal from each transmitter, the control circuit has an identification code registered beforehand, determines whether or not the identification code included in the data matches with the registered identification code, and determines that the associated tire has been changed when those two identification codes do not match with each other. See columns 5 and 6. According also to Lin, the vehicle has a key cylinder including a key switch that generates the activation signal, and the control circuit receives the activation signal from the key cylinder when the key switch set to on. See column 4.

4. Claims 1- 17 are rejected under 35 U.S.C. 102(e) as being anticipated by Juzswik et al [US 2003/0145650].

Juzswik et al discloses a tire pressure monitoring system for monitoring statuses of a plurality of tires (e.g., 14A, 14B, 14C, 14D) provided on vehicle (12), including a plurality of transmitters (e.g., 22A, 22B, 22C, 22D), provided on the tires respectively, for transmitting data indicating statuses (e.g., 18A/24A) of the respective tires, the data (e.g., 24A) including an identification code identify each tire (page 3 and figure 1), the receiver (e.g., 28) being supplied with an activation signal (e.g., 80) to activate a drive receiver. According to Juzswik et al, there is provided a reception unit (e.g., 82) which

receives the data from the transmitters, and a control circuit (e.g., 76) connected the reception unit, wherein upon detection of the activation signal, the control circuit collates the identification code included in the data and specifies, based on the identification code, each transmitter which has transmitted the data. See figures 4 and 5. Furthermore, according to Juzswik et al, the reception unit transmits a request signal to each individual transmitter and receives the data response the request signal from each transmitter (page 3), the control circuit has an identification code registered beforehand (e.g., 62, 86), determines whether or not the identification code included in the data matches with the registered identification code, and determines that the associated tire has been changed when those two identification codes do not match with each other. See figures 4 and 5. According to Juzswik et al, the control circuit has an identification code (e.g., 62, 86) registered beforehand, determines whether or not the identification code included in the data matches with the registered identification code, determines whether or not those identification codes included the data received by a predetermined number of times match with one another second predetermined number times less than the first predetermined number of times more when it is determined that those two identification codes do not match with each and determines that that tire which is associated included in the data has been changed when decided that there have been such matches. According further to Juzswik et al, when it is determined that a tire has been changed, the control circuit updates the registered identification code with the identification code included the received data. See pages 3 and 4. Furthermore, according to Juzswik et al, the vehicle has a key cylinder including a key switch that generates the activation signal, and the control

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circuit receives the activation signal from the key cylinder when the key switch set to on.

See pages 4 and 5.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

6,292,096	Munch et al	Sep. 2001
6,441,728	Dixit et al	Aug. 2002
6,446,502	Normann et al	Sep. 2002
6,630,885	Hardman et al	Oct. 2003
6,737,965	Okubo	May 2004
6,750,761	Newman	Jun. 2004
6,753,767	Lin et al	Jun. 2004
6,771,169	Kaminski et al	Aug. 2004

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jacques H Louis-Jacques whose telephone number is 571-272-6962. The examiner can normally be reached on M-Th 5:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on 571-272-6956. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jacques H Louis-Jacques
Primary Examiner
Art Unit 3661

/jlj


JACQUES H. LOUIS-JACQUES
PRIMARY EXAMINER